

# Übungsbeispiele Angewandte Mathematik

# Umrechnen von Einheiten:

Länge

- 2,05cm = .....m
- 0,054m = .....cm
- 0,08dm = .....mm
- 4586mm = .....dm
- 35,8cm = .....m
- 625mm = .....m
- 3518cm = .....m
- 0,035m = .....cm
- 0,92m = .....mm
- 542mm = .....dm
- 12580mm = .....m
- 83,05cm = .....m
- 0,62cm = .....m

Volumen

- 3063,9cm<sup>3</sup> = .....m<sup>3</sup>
- 0,092cm<sup>3</sup> = .....mm<sup>3</sup>
- 0,092m<sup>3</sup> = .....cm<sup>3</sup>
- 542mm<sup>3</sup> = .....dm<sup>3</sup>
- 102580mm<sup>3</sup> = .....m<sup>3</sup>
- 853,05cm<sup>3</sup> = .....m<sup>3</sup>
- 2,62m<sup>3</sup> = .....Liter
- 67553Liter = .....m<sup>3</sup>
- 562,62cm<sup>3</sup> = .....Liter

Spannung

- 30638kg/m<sup>2</sup> = .....kg/cm<sup>2</sup>
- 0,035kN/cm<sup>2</sup> = .....kN/mm<sup>2</sup>
- 40N/mm<sup>2</sup> = .....kN/cm<sup>2</sup>
- 40N/mm<sup>2</sup> ≙ .....kg/cm<sup>2</sup>
- 55000N/cm<sup>2</sup> = .....N/mm<sup>2</sup>
- 55000N/cm<sup>2</sup> = .....kN/cm<sup>2</sup>
- 1,5N/mm<sup>2</sup> ≙ .....kg/cm<sup>2</sup>

Fläche

- 3201,4cm<sup>2</sup> = .....m<sup>2</sup>
- 0,29dm<sup>2</sup> = .....mm<sup>2</sup>
- 0,75cm<sup>2</sup> = .....dm<sup>2</sup>
- 0,015m<sup>2</sup> = .....dm<sup>2</sup>
- 3750cm<sup>2</sup> = .....m<sup>2</sup>
- 6325mm<sup>2</sup> = .....dm<sup>2</sup>
- 30638cm<sup>2</sup> = .....m<sup>2</sup>
- 0,035cm<sup>2</sup> = .....mm<sup>2</sup>
- 0,92m<sup>2</sup> = .....cm<sup>2</sup>
- 542mm<sup>2</sup> = .....dm<sup>2</sup>
- 12580mm<sup>2</sup> = .....m<sup>2</sup>
- 853,05cm<sup>2</sup> = .....m<sup>2</sup>
- 20,62m<sup>2</sup> = .....dm<sup>2</sup>

Masse, Gewicht, ...

- 3518kg ≙ .....kN
- 0,035kN ≙ .....kg
- 0,92kN = .....N
- 542N ≙ .....kg
- 12580N = .....kN
- 7,05kg ≙ .....kN
- 0,62kg = .....g
- 0,083T = .....kg
- 785,5kN ≙ .....T

Dichte, ...

- 2800kg/m<sup>3</sup> = .....kg/dm<sup>3</sup>
- 0,65kg/dm<sup>3</sup> = .....kg/m<sup>3</sup>
- 1,20g/cm<sup>3</sup> = .....kg/dm<sup>3</sup>
- 1,20g/cm<sup>3</sup> = .....kg/m<sup>3</sup>
- 4,5kN/m<sup>3</sup> ≙ .....kg/dm<sup>3</sup>
- 18kN/m<sup>3</sup> ≙ .....kg/m<sup>3</sup>
- 7850kg/m<sup>3</sup> ≙ .....g/cm<sup>3</sup>